

SEQUENCE LISTING

(1) GENERAL INFORMATION:

T710X

5 (i) APPLICANT: Andrew C. Hiatt
Floyd Rose

10 (ii) TITLE OF INVENTION: COMPOSITIONS FOR
ENZYME CATALYZED
TEMPLATE-
INDEPENDENT CREATION
OF PHOSPHODIESTER
BONDS USING PROTECTED
NUCLEOTIDES

(iii) NUMBER OF SEQUENCES: 8

(iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Lyon & Lyon
(B) STREET: 633 West Fifth Street
Suite 4700
(C) CITY: Los Angeles
(D) STATE: California
(E) COUNTRY: U.S.A.
20 (F) ZIP: 90071

(v) COMPUTER READABLE FORM:

25 (A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: IBM P.C. DOS 5.0
(D) SOFTWARE: Word Perfect 5.1

(vi) CURRENT APPLICATION DATA:

30 (A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

Prior applications total,
including application
described below:

35 (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Guise, Jeffrey W.
(B) REGISTRATION NUMBER: 34,613

(C) REFERENCE/DOCKET NUMBER: 207/145

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (619) 552-8400
(B) TELEFAX: (619) 552-0159
(C) TELEX: 67-3510

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(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

5 (A) LENGTH: 12
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ix) Features:

10 (D) Other Information: base number 12 is
m7g

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CCCCCCCCCG 12

15 (2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

20 (A) LENGTH: 19
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

25 CCCCCCCCCC CCCCTGCA 19

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

30 (A) LENGTH: 20
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

35 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

CTGCAGGGGG GGGGGGGGGG 20

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

5 (A) LENGTH: 9
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

10 CCCCCCCCC

9

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

15 (A) LENGTH: 9
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

20 GGGGGGGGG

9

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

25 (A) LENGTH: 5
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

30 CTGCA

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(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

35 (A) LENGTH: 9
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

CTGCATGCA

9

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

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(A)	LENGTH:	10
(B)	TYPE:	nucleic acid
(C)	STRANDEDNESS:	single
(D)	TOPOLOGY:	linear

10 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

CTGCATGCAG

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